

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. - 10. (cancelled).

11. (previously presented) A corrosion-resistant chromium steel for architectural and civil engineering structural elements, comprising:

from about 0.0015 to about 0.02 mass percent C;

from about 0.0015 to about 0.02 mass percent N;

from about 0.1 to about 1.0 mass percent Si;

from about 0.1 to about 3.0 mass percent Mn;

more than about 5 mass percent to less than about 10 mass percent Cr;

from about 0.01 to about 0.95 mass percent Ni;

about 0.1 mass percent or less of Al;

about 0.05 mass percent or less of P;

about 0.03 mass percent or less of S;

from about 0.01 to about 1.0 mass percent Co; and

the balance being Fe and incidental impurities, the steel thereby having high long-term corrosion resistance and high weld-zone toughness.

12. (previously presented) The corrosion-resistant chromium steel for architectural and civil engineering structural elements according to claim 11, further comprising:

from about 0.01 to about 0.5 mass percent V; and

from about 0.001 to about 0.05 mass percent W,

wherein the Cr content is in the range of more than about 5 mass percent to less than about 8 mass percent, and a Z value represented by formula (1) is in the range of 0.03 to 1.5:

$$Z \text{ value} = ([\%Co] + 1.5[\%V] + 4.8[\%W])$$

(1)

wherein [%Co], [%V], [%W], respectively, represent Co, V, and W contents by mass percent.

13. (previously presented) The corrosion-resistant chromium steel for architectural and civil engineering structural elements according to claim 12, wherein the Cr content is in the range of more than about 5 mass percent to less than about 7.5 mass percent and the W content is in the range of about 0.005 to about 0.03 mass percent.

14. (previously presented) The corrosion-resistant chromium steel for architectural and civil engineering structural elements according to claim 11, further comprising at least one of about 3.0 mass percent or less of Cu and about 3.0 mass percent or less of Mo.

15. (previously presented) The corrosion-resistant chromium steel for architectural and civil engineering structural elements according to claim 11, wherein a tensile strength of the steel is between 400 and 550 MPa.

16. (previously presented) The corrosion-resistant chromium steel for architectural and civil engineering structural elements according to claim 12, further comprising at least one of about 3.0 mass percent or less of Cu and about 3.0 mass percent or less of Mo.

17. (previously presented) The corrosion-resistant chromium steel for architectural and civil engineering structural elements according to claim 11, further comprising from about 0.0002 to about 0.0030 mass percent of B.

18. (previously presented) The corrosion-resistant chromium steel for architectural and civil engineering structural elements according to claim 12, further comprising from about 0.0002 to about 0.0030 mass percent of B.

19. (previously presented) The corrosion-resistant chromium steel for architectural and civil engineering structural elements according to claim 13, further comprising from about 0.0002 to about 0.0030 mass percent of B.

20. (previously presented) The corrosion-resistant chromium steel for architectural and civil engineering structural elements according to claim 14, further comprising from about 0.0002 to about 0.0030 mass percent of B.